

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-30. **(Canceled)**

31. **(New)** A computer readable medium having computer-executable instructions, the instructions being adapted to carry out a method comprising:

displaying an interface for keyset profile management in a network, the interface including:

a user-selectable option to select a keyset profile, the selected keyset profile including a plurality of keysets associated with access points in a wireless network; and

a user-selectable option to select a keyset from the plurality of keysets in the selected keyset profile.

32. **(New)** The computer readable medium of claim 31, wherein the option to select the keyset comprises a keyset list and an option to set a keyset shown in the keyset list as the selected keyset, and

wherein the method further comprises displaying, through the interface, information regarding the selected keyset in response to user selection of the keyset.

33. **(New)** The computer readable medium of claim 31, wherein the interface further includes a keyset editing region that includes information regarding one or more keys in the selected keyset.

34. **(New)** The computer readable medium of claim 33, wherein the information regarding one or more keys in the selected keyset includes a user-editable list of keys in the selected keyset.

35. **(New)** The computer readable medium of claim 33, wherein the keyset editing region includes an option to add and/or update data associated with the selected keyset.

36. **(New)** The computer readable medium of claim 31, wherein the interface further includes an option to associate a keyset with a selected keyset profile.

37. **(New)** The computer readable medium of claim 36, wherein the associated keyset is user-defined through the interface.

38. **(New)** The computer readable medium of claim 36, wherein the associated keyset is user-selected through the interface.

39. **(New)** The computer readable medium of claim 31, wherein the interface further includes a user-selectable option to delete the selected keyset.

40. **(New)** The computer readable medium of claim 31, wherein the interface further includes a user-selectable option to unselect the selected keyset.

41. **(New)** The computer readable medium of claim 31, wherein the plurality of keysets in the selected keyset profile are associated with access points in a plurality of wireless networks.

42. **(New)** A method for decrypting data captured by a wireless network analyzer and for managing keyset profiles used to decrypt the data, the method comprising:

decrypting, using a keyset profile, data captured by the wireless network analyzer from a plurality of access points in a wireless network; and

displaying an interface adapted for management of the keyset profiles,

wherein the displayed interface comprises user-selectable options to manage the keyset profile and to manage a keyset from among a plurality of keysets in the keyset profile.

43. **(New)** A computer readable medium having computer-executable instructions, the instructions being adapted to carry out the method of claim 42.
44. **(New)** A method for decrypting data captured by a wireless network analyzer, the method comprising:
- receiving a first user selection indicating a keyset profile;
 - receiving a second user selection indicating a keyset from among a plurality of keysets in the selected keyset profile;
 - capturing data at a wireless network analyzer; and
 - decrypting the captured data using the selected keyset.
45. **(New)** The method of claim 44, wherein the captured data is decrypted in real time.
46. **(New)** The method of claim 44, wherein receiving the second user selection includes displaying, to a user, a keyset list comprising the plurality of keysets in the selected keyset profile.
47. **(New)** A computer readable medium having computer-executable instructions, the instructions being adapted to carry out the method of claim 44.